Amendments to the Claims:

Claims 1-53 (Canceled)

54.   (Amended)   ~~A~~ For a security system for remote monitoring of a premises by a user of a remote client, ~~said security system~~ a security gateway, comprising:

means for monitoring one or more portions of said premises, said means for monitoring one or more portions of said premises including means for capturing and recording audiovisual information relating to: (1) pre-alarm periods, (2) post-alarm periods and (3) non-alarm events; and

~~a security system server, said security system server being capable of authenticating said user of said remote client;~~

~~a security gateway operatively coupled to said security system server via said network, said security gateway being capable of~~ means for managing the monitoring of one or more portions of said premises.~~;~~

~~one or more cameras located at said premises and operatively coupled to said security gateway; and~~

~~one or more audio stations located at said premises and operatively coupled to said security gateway;~~

~~wherein said user is at a location which is geographically remote from said premises; and~~

~~wherein said security gateway provides an audiovisual signal at said premises for notifying an occupant at said premises that remote monitoring is occurring.~~

55.   (Amended)   The security ~~system~~ <u>gateway</u> of claim 54, wherein said security gateway <u>further</u> comprises a controller capable of performing building automation control functions.

56.   (Amended)   The security ~~system~~ <u>gateway</u> of claim 54, wherein said security ~~system~~ ~~provides~~ <u>gateway further comprises means</u> for streaming data in substantially real-time from said security gateway to ~~said client~~ <u>a</u> remote<u>ly-located monitoring client, coupled to said security gateway, via a network</u>.

57.   (Amended)   The security ~~system~~ <u>gateway</u> of claim 54, wherein said security ~~system~~ <u>gateway further comprises means for providing</u> ~~provides for~~ substantially real-time synchronized audio and video communication ~~between~~ <u>with</u> said remote client ~~and said security gateway~~.

Claim 58 (Canceled).

59.   (New) The security gateway of claim 54, and further comprising means for providing an audiovisual signal at said premises for notifying an occupant at said premises that remote monitoring is occurring

60.   (New) The security gateway of claim 54, and further comprising means for capturing and recording audiovisual information relating to said premises during non-alarm events.

61. (New) The security gateway of claim 54, and further comprising:

means for detecting alarm conditions at said premises;

means for relaying said detected alarm conditions to a security system server forming part of said security system;

means for capturing information relating to said alarm conditions;

means for transmitting stored and/or live information relating to said premises during said pre-alarm periods and said post-alarm periods to said security system server upon detection of said alarms conditions at said premises.

62. (New) The security gateway of claim 61, and further comprising means for capturing and recording audiovisual information relating to said premises during non-alarm events.

63. (New) A security gateway for a security system which allows remote monitoring of a premises by a user of a remote client, said security gateway comprising:

a video module, said video module configured to receive video signals from a video camera forming part of said security system;

said video module further configured to cache video data, received from said video camera, in a first memory.

64. (New) The security gateway of claim 63, wherein said video module is further configured to store said cached video data in a second memory in response to said security system entering into an alarm condition.

65. (New) The security gateway of claim 63, wherein said video module is further configured to cache said video data in said first memory in response to an arming of said security system.

66. (New) The security gateway of claim 65, wherein said video module is further configured to store said cached video data in a second memory in response to said armed security system entering into an alarm condition.

67. (New) The security gateway of claim 66 wherein said video module is further configured to discard said cached video data in response to said armed security system failing to enter into said alarm condition within a pre-determined time period after said video data was cached.

68. (New) The security gateway of claim 64, wherein said video module is further configured to determine whether an alarm event has occurred based upon an analysis of said video data received from said video camera, said video module entering into said alarm condition in response to said determination of said occurrence of said alarm event.

69. (New) The security gateway of claim 64, wherein said video module is further configured to receive data from an alarm sensor and to determine whether an alarm event has occurred based upon an analysis of said video data received from said video camera and said data received from said alarm sensor, said video module entering into said alarm condition in response to said determination of said occurrence of said alarm event.

70.   (New) The security gateway of claim 69, and further comprising:

an alarm control panel coupled to said video module, said alarm control panel monitoring the operational state of said video module;

wherein said video module is coupled to receive said data from said alarm sensor via said alarm control panel.

71.   (New) The security gateway of claim 70, and further comprising:

an audio module coupled to said video module;

said video module further configured to cache audio data, received from said audio module, in said first memory and to store said cached audio data in said second memory in response to said security system entering into said alarm condition in response to said determination of said occurrence of said alarm event.

72.   (New) The security gateway of claim 69, and further comprising:

an alarm control panel coupled to said video module and said audio module, said alarm control panel monitoring the operational state of said video module and said audio module;

wherein said video module is coupled to receive said data from said alarm sensor via said alarm control panel.

73.   (New) The security gateway of claim 72, and further comprising:

means for establishing a connection between said security gateway and a network;

said video module further configured to exchange data and command signals with remotely-located components of said security system over said network.

74.   (New) The security gateway of claim 72, and further comprising:

a communications interface configured for serving as a gateway to a network, said communications interface coupled to said video module;

said video module further configured to exchange data and command signals with remotely-located components of said security system via said communications interface and said network.

75.   (New) The security gateway of claim 74, and further comprising:

an audio module coupled to said video module;

said video module further configured to cache audio data, received from said audio module, in said first memory and to store said cached audio data in said second memory in response to said security system entering into said alarm condition in response to said determination of said occurrence of said alarm event.

76. (New) The security gateway of claim 75, and further comprising:

an alarm control panel coupled to said video module, said audio module and said communication interface;

wherein said video module is coupled to receive said data from said alarm sensor via said alarm control panel.

77. (New) The security gateway of claim 76, wherein said alarm control panel is further coupled to a first one of said remotely-located components of said security system via the PSTN.

78. (New) A dual-use gateway suitable for use as part of a security system and as part of a lifestyle monitoring system, said dual-use gateway comprising:

a first module configured to receive video data from a video camera;

said first module further configured to store said video data, received from said video camera, as part of said security system usage of said dual-use gateway; and

said first module further configured to stream said video data, received from said video camera, to a remote client, coupled to said first module via a network, as part of said lifestyle monitoring usage of said dual-use gateway.

79. (New) The dual-use gateway of claim 78, wherein:

said first module is further configured to receive audio data from an audio station;

said first module further configured to store said audio data, received from said audio station, as part of said security system usage of said dual-use gateway; and

said first module further configured to stream said audio data, received from said audio station, to said remote client as part of said lifestyle monitoring usage of said dual-use gateway.

80.   (New) The dual-use gateway of claim 78, and further comprising;

a second module configured to receive data from a sensor, said second module coupled to said first module;

wherein:

as a first part of said security system usage of said dual-use gateway, said first module caches said video data, received from said video camera, in a first memory in response to an arming of said sensor;

as a second part of said security system usage of said dual-use gateway, said first module stores said cached video data in a second memory in response to a triggering of said armed sensor; and

as a third part of said security system usage of said gateway, said first module discards said cached video data in response to a failure of said sensor to trigger within a pre-determined time period after said video data was cached.

81.   (New) The dual-use gateway of claim 80, wherein said first module is further configured to preempt said lifestyle monitoring usage of said dual-use gateway by said remote client in response to a determination, by said first module, of an alarm condition.

82. (New) The dual-use gateway of claim 78, wherein, upon determination of said alarm condition, said dual-use gateway is further configured to stream said video data, received from said video camera, to a remote security system server, forming part of said security system and coupled to said first module via said network, as part of said security system usage of said dual-use gateway.

83. (New) The dual-use gateway of claim 82, wherein said dual-use gateway is further configured to stream said video data to said remote client to the exclusion of said remote security system server and to stream said video data to said remote security system server to the exclusion of said remote client.

84. (New) The dual-use gateway of claim 83, and further comprising:

a third module coupled to said system bus, said third module configured to receive audio data from an audio station;

said dual-use gateway further configured to store said audio data, received from said audio station, as part of said security system usage of said dual-use gateway; and

said dual-use gateway further configured to stream said audio data, received from said audio station, to said remote client as part of said lifestyle monitoring usage of said dual-use gateway.

85. (New) The dual-use gateway of claim 84, wherein said audio data is stored in said first module.

86. (New) The dual-use gateway of claim 85, wherein said audio data is stored in said third module.

87. (New) The dual-use gateway of claim 86, wherein, as part of said lifestyle usage of said dual-use gateway, said audio station is configured for two-way audio communications with said remote client.

88. (New) The dual-use gateway of claim 87, wherein said first module is further configured to generate a remote surveillance notification signal when streaming said video and/or audio data to said remote client.